

Fig.1

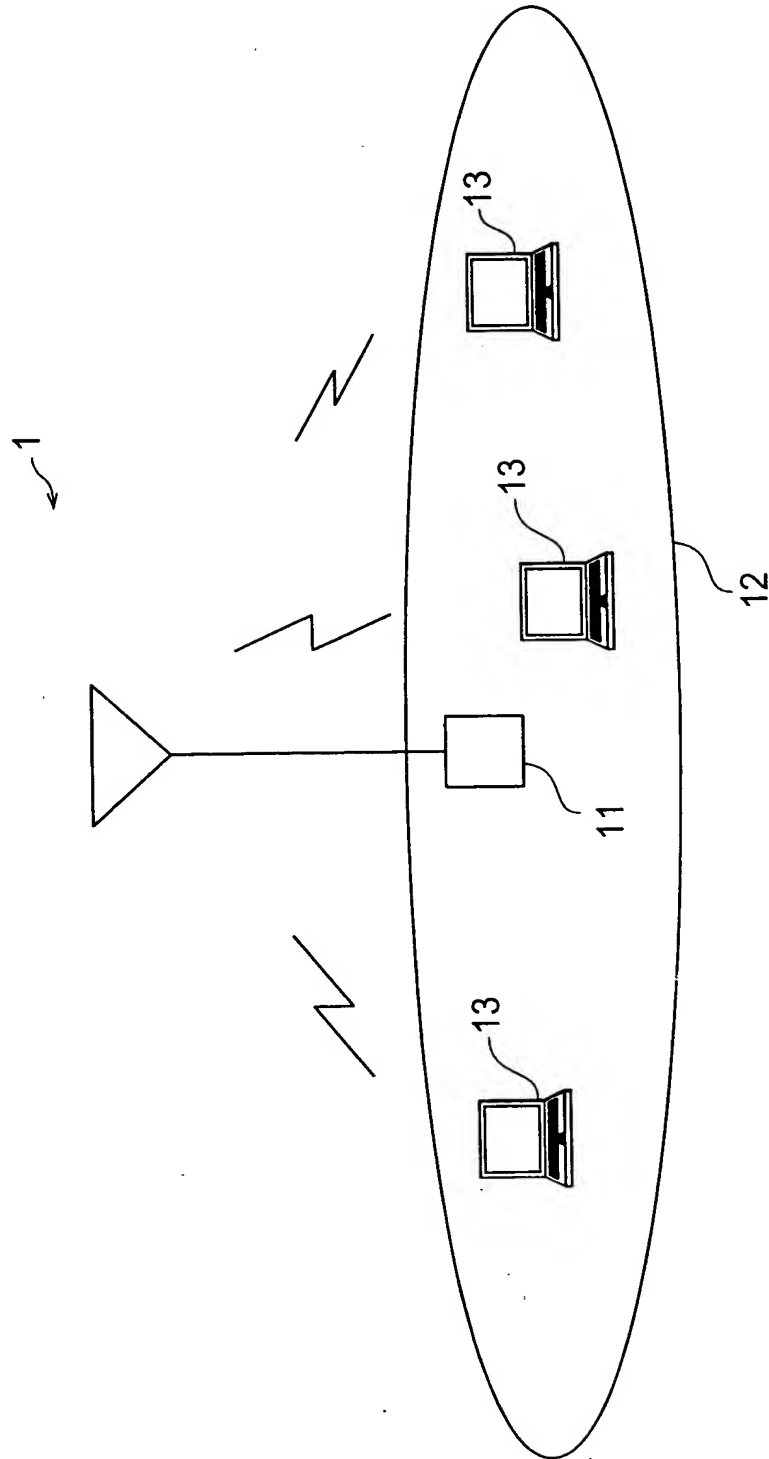


Fig.2

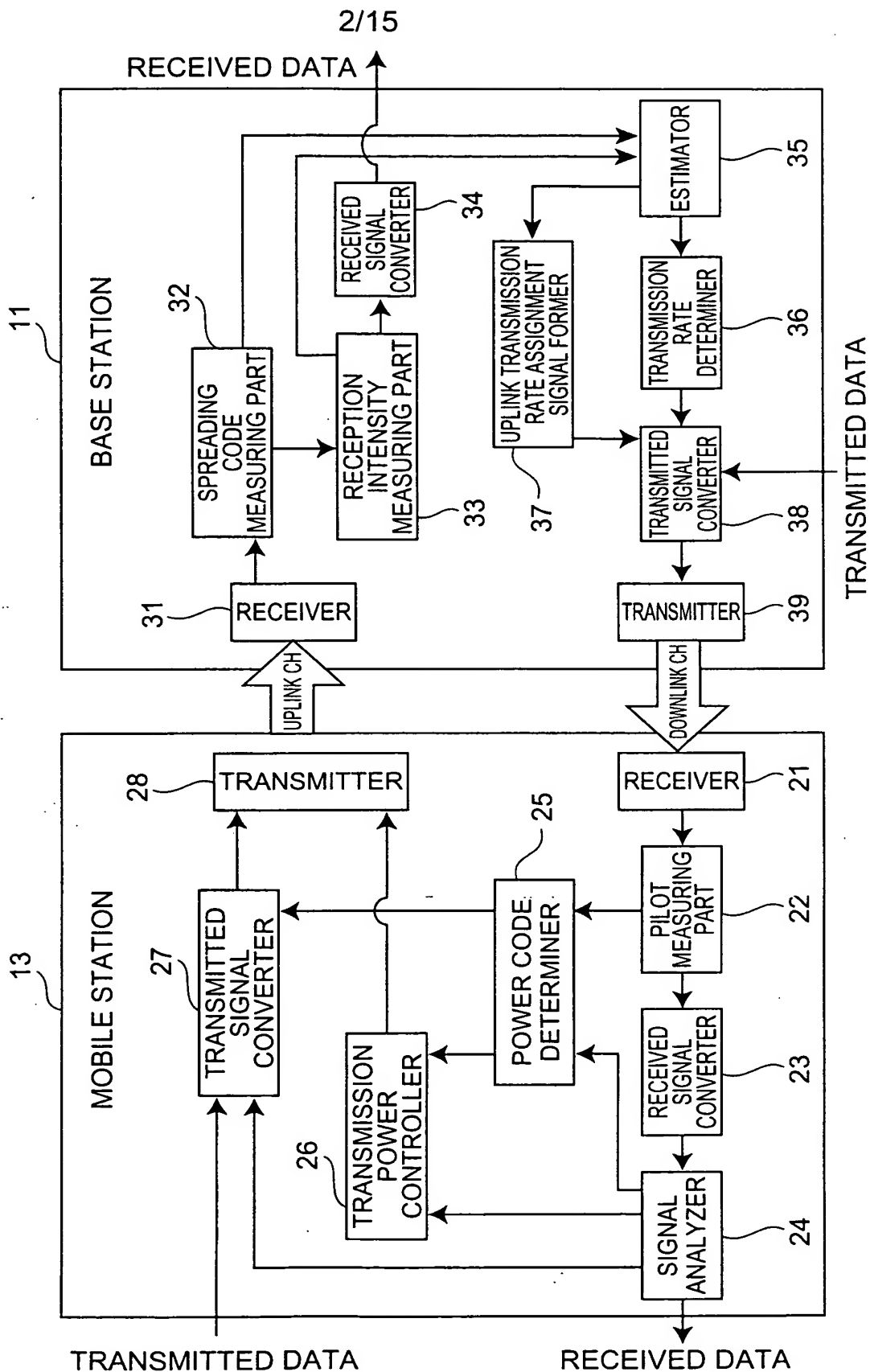


Fig.3

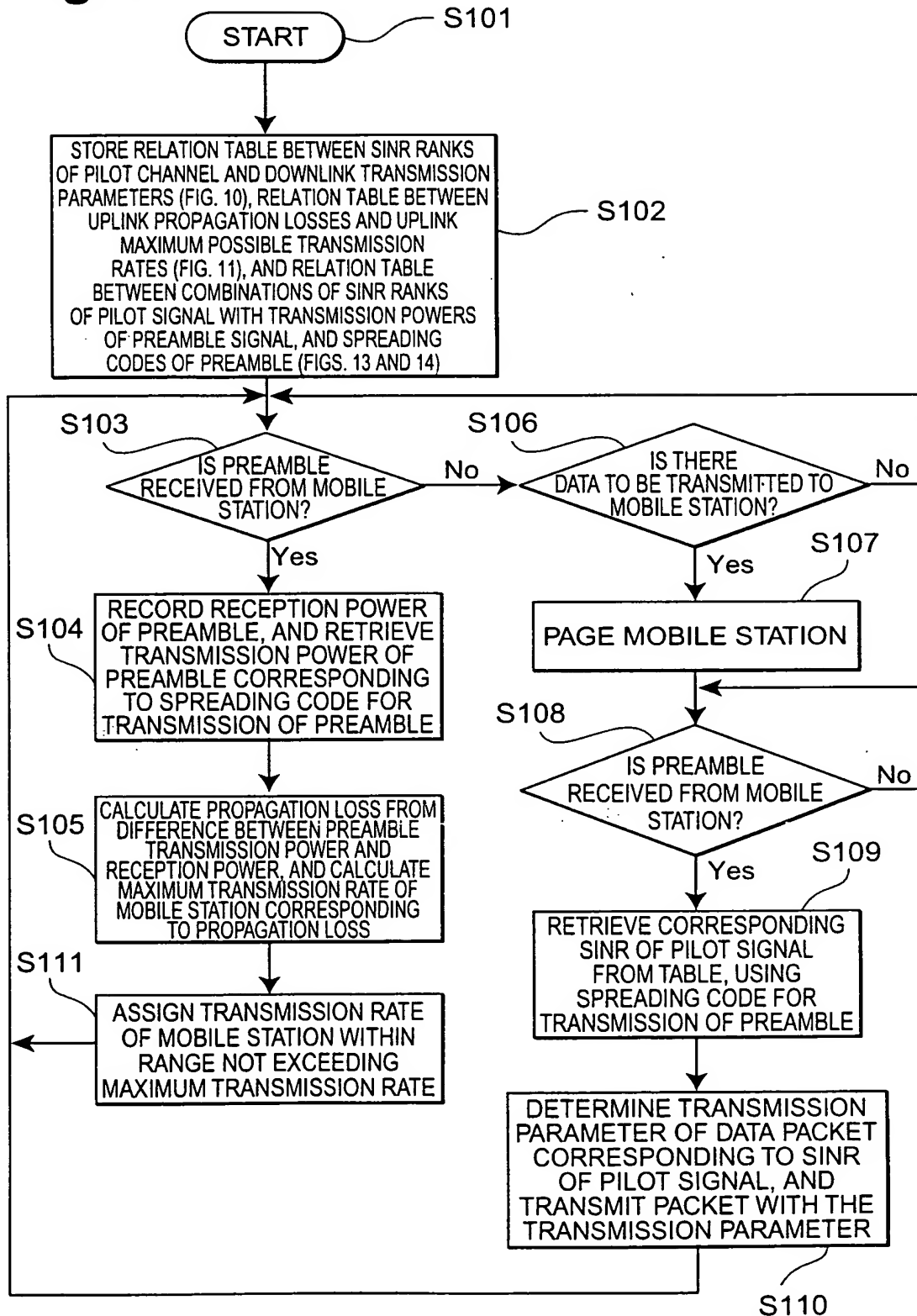


Fig.4

4/15

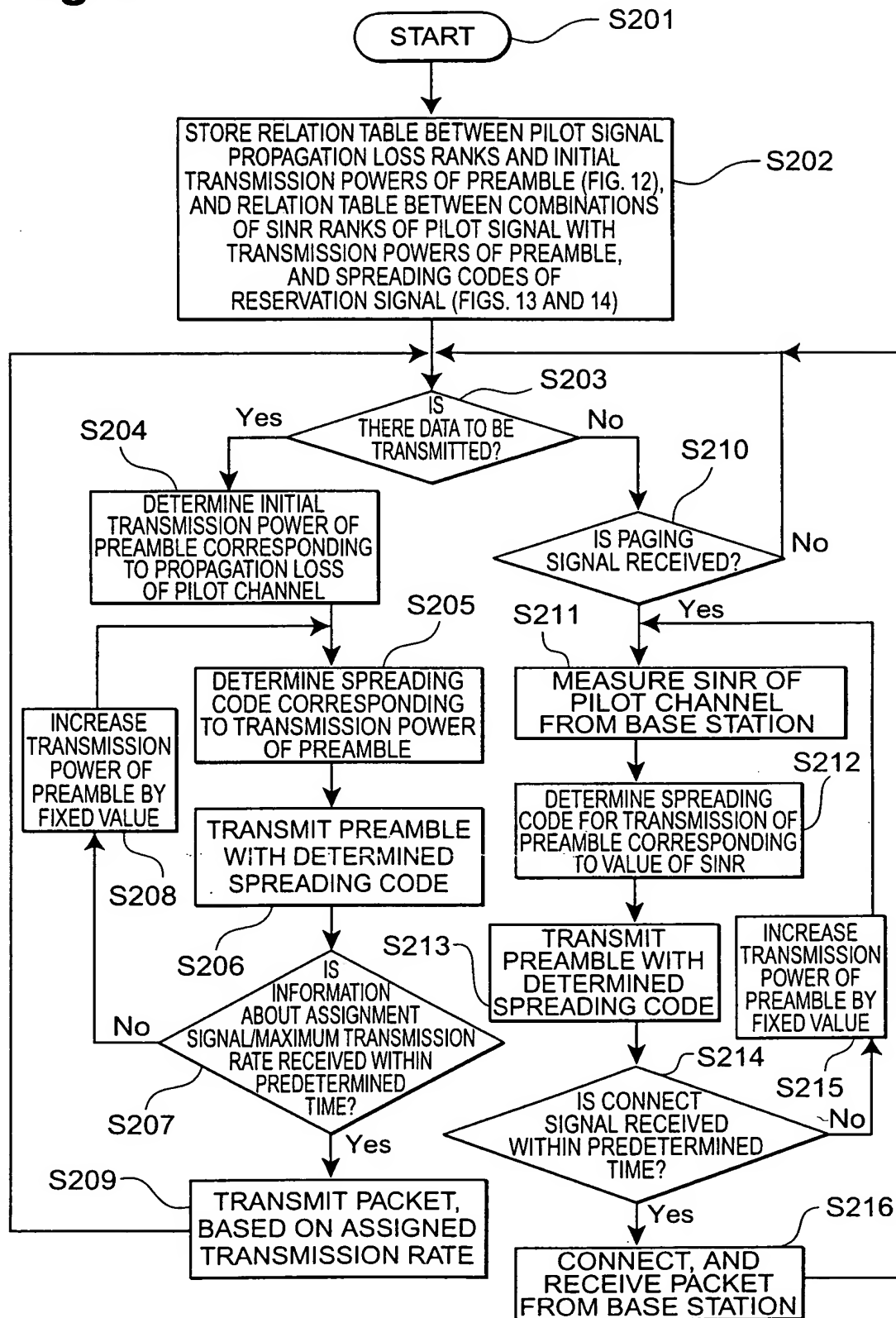


Fig.5

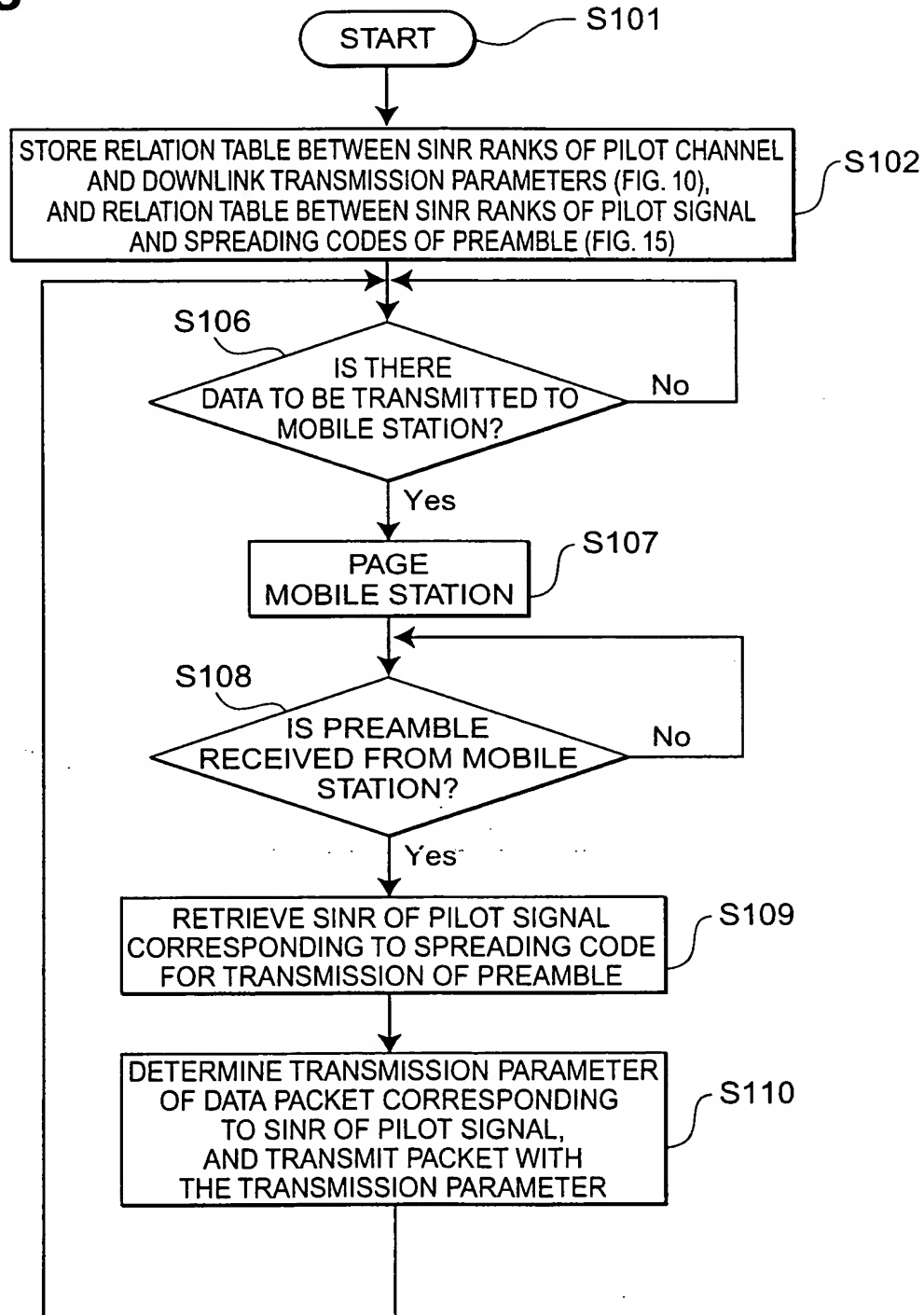
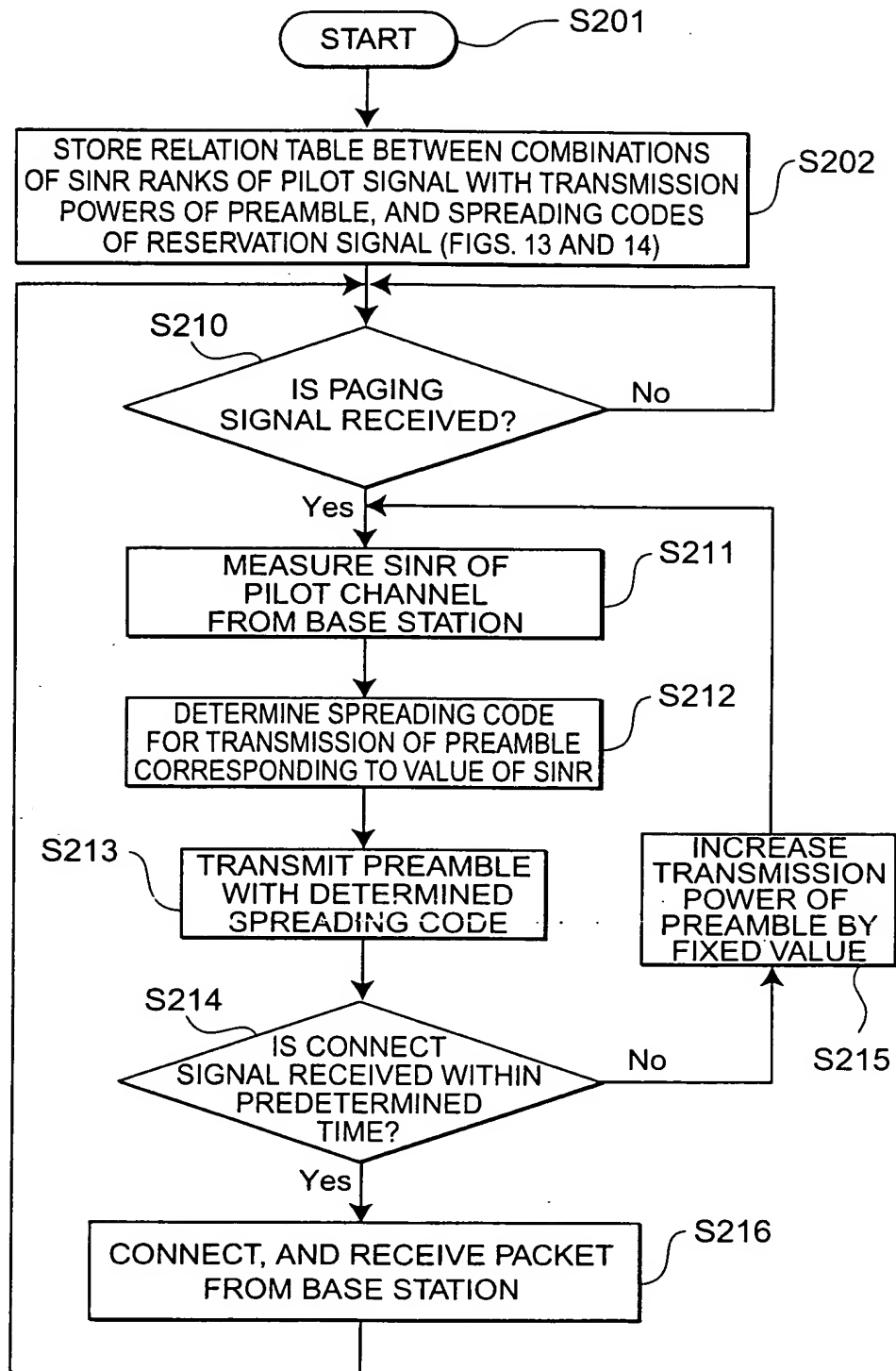


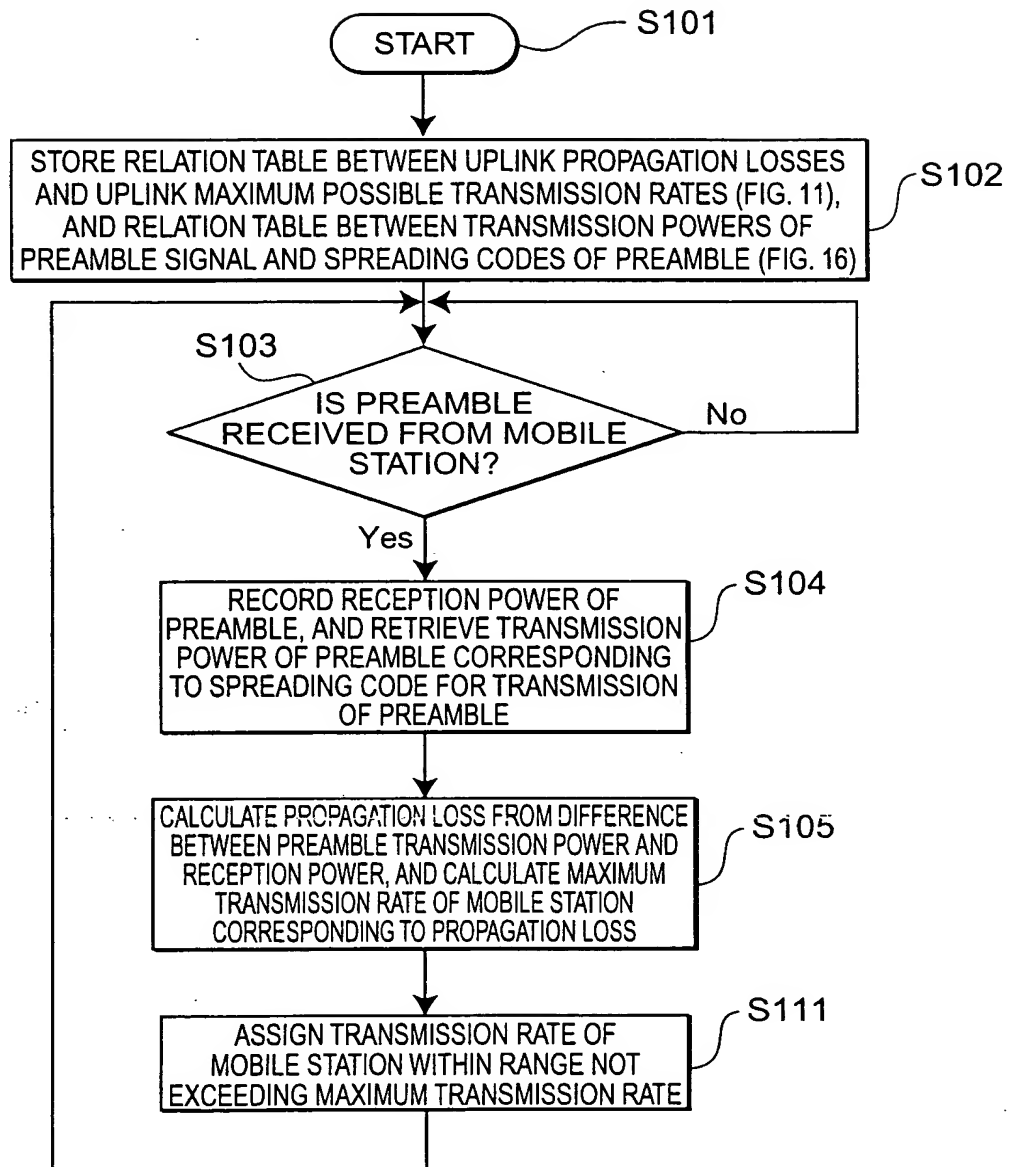
Fig. 6

6/15



7/15

Fig.7



8/15

Fig.8

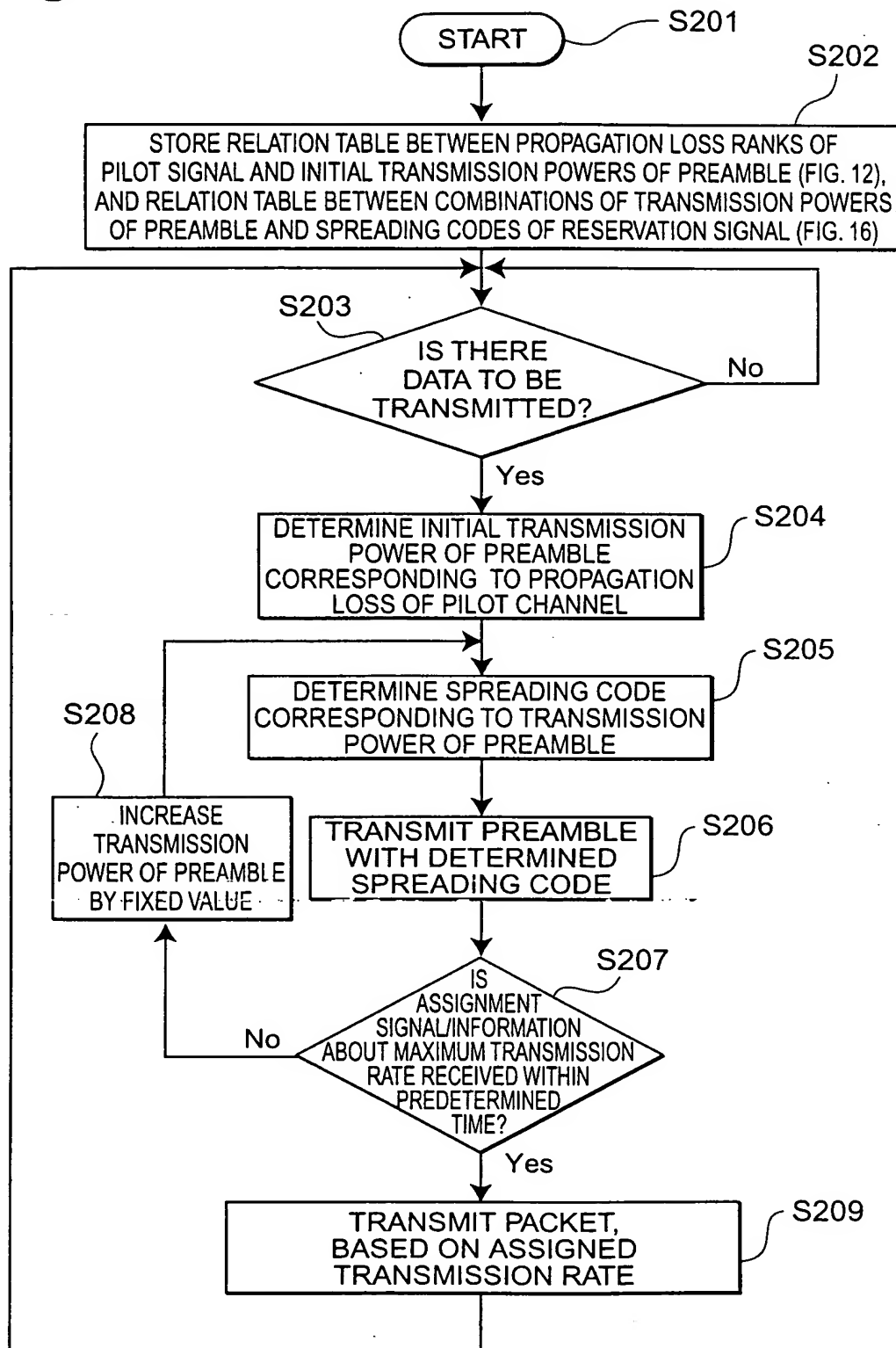
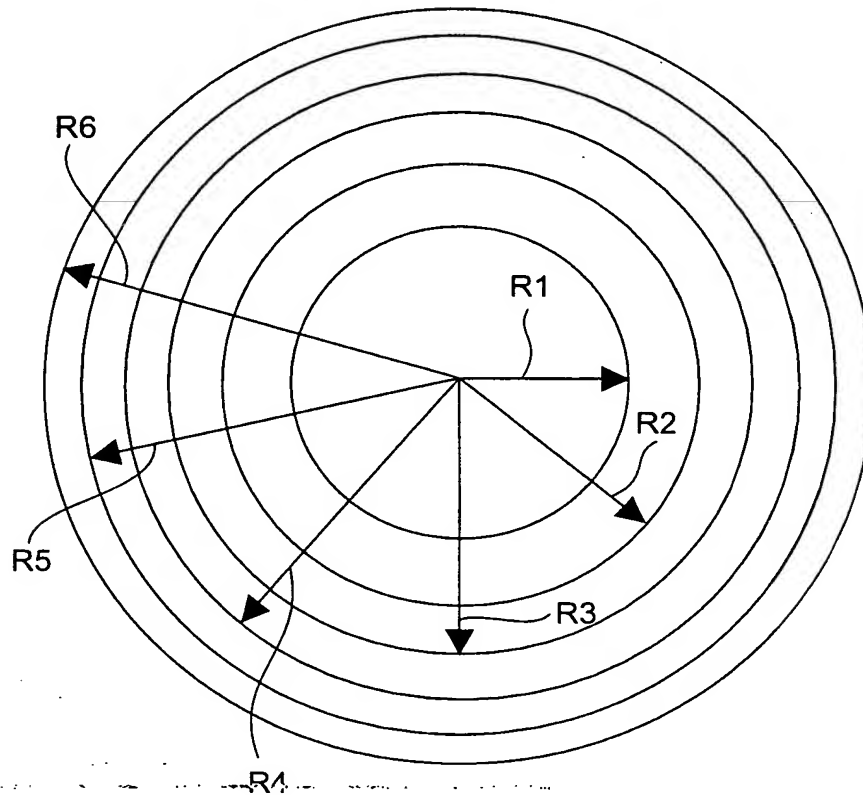


Fig.9



10/15

Fig.10

SINR OF PILOT	SINR OF CORRESPONDING DATA CHANNEL	NUMBER OF MULTIPLE CODES	MODULATION	CODING RATE
<4dB	<2dB	NOT TRANSMIT		
4dB~5dB	2dB~3dB	1	QPSK	0.17
5dB~6dB	3dB~4dB	1	QPSK	0.35
6dB~7dB	4dB~5dB	2	QPSK	0.43
7dB~10dB	5dB~8dB	3	QPSK	0.62
10dB~15dB	8dB~13dB	5	16QAM	0.62
15dB~19dB	13dB~17dB	8	16QAM	0.75
19dB~∞	17dB~∞	15	16QAM	0.81

Fig.11

PROPAGATION LOSS	MAXIMUM POSSIBLE TRANSMISSION RATE OF MOBILE STATION
≥142dB	0
139dB~142dB	32kbps
130dB~139dB	64kbps
124dB~130dB	384kbps
118dB~124dB	1.536Mbps
115dB~118dB	6.144Mbps
≤115dB	12.288Mbps

Fig.12

PROPAGATION LOSS OF PILOT SIGNAL	INITIAL TRANSMISSION POWER OF PREAMBLE
$\geq 142\text{dB}$	NOT TRANSMIT
$139\text{dB} \sim 142\text{dB}$	$24\text{dBm} \sim 21\text{dBm}$
$130\text{dB} \sim 139\text{dB}$	$21\text{dBm} \sim 12\text{dBm}$
$124\text{dB} \sim 130\text{dB}$	$12\text{dBm} \sim 6\text{dBm}$
$118\text{dB} \sim 124\text{dB}$	$6\text{dBm} \sim 0\text{dBm}$
$115\text{dB} \sim 118\text{dB}$	$0\text{dBm} \sim -3\text{dBm}$
$\leq 115\text{dB}$	$\leq -3\text{dBm}$

12/15

Fig.13

SINR OF CPICH (dB)	TRANSMISSION POWER OF PREAMBLE	SPREADING CODE NUMBER
<4dB OR REQUIRED TRANSMISSION POWER>24dBm		NOT TRANSMIT
4dB~5dB	24dBm~21dBm	0
5dB~6dB	24dBm~21dBm	1
6dB~7dB	24dBm~21dBm	2
7dB~10dB	24dBm~21dBm	3
10dB~15dB	24dBm~21dBm	4
15dB~19dB	24dBm~21dBm	5
19dB~ ∞	24dBm~21dBm	6
4dB~5dB	21dBm~12dBm	7
5dB~6dB	21dBm~12dBm	8
6dB~7dB	21dBm~12dBm	9
7dB~10dB	21dBm~12dBm	10
10dB~15dB	21dBm~12dBm	11
15dB~19dB	21dBm~12dBm	12
19dB~ ∞	21dBm~12dBm	13
4dB~5dB	12dBm~6dBm	14
5dB~6dB	12dBm~6dBm	15
6dB~7dB	12dBm~6dBm	16
7dB~10dB	12dBm~6dBm	17
10dB~15dB	12dBm~6dBm	18
15dB~19dB	12dBm~6dBm	19
19dB~ ∞	12dBm~6dBm	20

Fig.14

SINR OF CPICH (dB)	TRANSMISSION POWER OF PREAMBLE	SPREADING CODE NUMBER
4dB~5dB	6dBm~0dBm	21
5dB~6dB	6dBm~0dBm	22
6dB~7dB	6dBm~0dBm	23
7dB~10dB	6dBm~0dBm	24
10dB~15dB	6dBm~0dBm	25
15dB~19dB	6dBm~0dBm	26
19dB~ ∞	6dBm~0dBm	27
4dB~5dB	0dBm~ -3dBm	28
5dB~6dB	0dBm~ -3dBm	29
6dB~7dB	0dBm~ -3dBm	30
7dB~10dB	0dBm~ -3dBm	31
10dB~15dB	0dBm~ -3dBm	32
15dB~19dB	0dBm~ -3dBm	33
19dB~ ∞	0dBm~ -3dBm	34
4dB~5dB	\leq -3dBm	35
5dB~6dB	\leq -3dBm	36
6dB~7dB	\leq -3dBm	37
7dB~10dB	\leq -3dBm	38
10dB~15dB	\leq -3dBm	39
15dB~19dB	\leq -3dBm	40
19dB~ ∞	\leq -3dBm	41

Fig.15

SINR OF CPICH (dB)	SPREADING CODE NUMBER
<4dB	NOT TRANSMIT
4dB~5dB	0
5dB~6dB	1
6dB~7dB	2
7dB~10dB	3
10dB~15dB	4
15dB~19dB	5
19dB~ ∞	6

Fig.16

TRANSMISSION POWER OF PREAMBLE	SPREADING CODE NUMBER
REQUIRED TRANSMISSION POWER>24dBm	NOT TRANSMIT
24dBm~21dBm	0
21dBm~12dBm	1
12dBm~6dBm	2
6dBm~0dBm	3
0dBm~ -3dBm	4
<= -3dBm	5

Fig.17

PROPAGATION LOSS OF PILOT SIGNAL	INITIAL TRANSMISSION POWER OF PREAMBLE
$\geq 142\text{dB}$	NOT TRANSMIT
$140.5\text{dB} \sim 142\text{dB}$	$24\text{dBm} \sim 22.5\text{dBm}$
$138.5\text{dB} \sim 140.5\text{dB}$	$22.5\text{dBm} \sim 20.5\text{dBm}$
$136\text{dB} \sim 138.5\text{dB}$	$20.5\text{dBm} \sim 18\text{dBm}$
$132.5\text{dB} \sim 136\text{dB}$	$18\text{dBm} \sim 14.5\text{dBm}$
$126.5\text{dB} \sim 132.5\text{dB}$	$14.5\text{dBm} \sim 8.5\text{dBm}$
$\leq 126.5\text{dB}$	$\leq 8.5\text{dBm}$